

FAST
Plan of Action and Status

June 11, 2003

1. **HARDWARE**
 - A. Past: 18 computer clusters purchased, loaded and delivered
 - B. Present: Code 301, several 200-codes not yet equipped. SEMAT teams not yet equipped.
 - C. Future: Looking at hand-held devices and wearable computers
2. **SOFTWARE**
 - A. Past: Version 1.1 rolled out on April 1st after Beta test on USS John Paul Jones TSRA.
 - B. Present: Current software version 1.23 incorporates all the lessons learned on USS Port Royal. Program is stable and meets current needs for TSRA visit.
 - C. Future: Prioritized list of new features is under development in order to expand FAST utility, replace designated legacy systems and increase ease of use. See enclosure (1).
3. **TRAINING**
 - A. Past: FAST familiarization training was conducted in April and May.
 - B. Present: Training under development (LCE and Code 402) will emphasize how to write a good 2-Kilo, including information on APLs, standard statements and using the new FAST software. Revised training will begin in July.
 - C. Future: We will be developing a tutorial that will be available on the FAST Website
4. **DOCUMENTATION**
 - A. Past: The Software Requirements Specification was developed in accordance with IEEE standard 12207 and delivered on April 1st.
 - B. Present: FTSC/LANT sent us the formats for thirteen documents required by NMCI and we are in the process of preparing them. Most of the information is in the Software Requirements Specification previously prepared.
 - C. Future: NMCI is a difficult set of wickets to navigate. We must get NMCI certification in order to run on NMCI machines.
5. **BUSINESS RULES**
 - A. Past: A Board of Directors directive from the May 2002 FTSC Summit was to standardize operations between East and West Coast Fleet Technical Support Centers. One Initiative to meet this goal was the development of common assessment processes, common assessment procedures, and a common assessment support tool (FAST) by FTSC for Technical Assist Visits, C5RA and HM&ERA assessment visits. COMFLTFORCOM 211137Z OCT 02 stated that FTSC/PAC would produce a Fleet Assessment

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Support Tool (FAST) to tailor assessment packages, plan and manage assessment visits, produce maintenance-ready 2 Kilos and generate 4790 CKs on the deck plate. A list of requirements was developed by FTSCPAC and FTSCCLANT and the program was developed to meet those requirements. Those few requirements that have not yet been met have either been superseded or rolled over into the new requirements list attached as enclosure (1).

B. Present:

1) We are in the process of developing a configuration control process that will receive change requests, review them for validity and value, prioritize them, make the necessary software changes, approve the new releases and implement the upgraded software.

2) We are currently asking FTSCPAC technicians to input the data into FAST during the assessment visits, while discussing the merits of having dedicated data-entry people. This would free the techs to do more assessments and repairs and help alleviate the afternoon crush of technicians trying to use the limited number of computers for data entry (spreading it out over the whole day). Further, as the software matures to take on new features, technicians are initially frustrated by changes to what was previously familiar.

C. Future:

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Req't #	Requirement	Comments	Estimate	Priority
1	NMCI	Determine NMCI requirements, develop plan to accomplish and carry out plan	1 year	1
2	Reports	Consolidate the Access reports used on USS Port Royal with those available on FAST Report Writer routine	3 weeks	1
3	XP Bug	Computer running Microsoft XP will run FAST only as stand-alone. It will not connect to hub database.	??	3
4	Running FAST on Stand-alone computer	INSURV and FTSC techs have requested a method of disconnecting the computers from the hub, allowing them to go to some remote site, do their work and then return and reconnect and merge the files.	2 weeks	1
5	Web site program	Website program is only partially operational. Need to create a method of downloading ship data for a visit, uploading Assessment Visit data and providing whatever viewing/sorting/printing features are required.	3 weeks	2
6	Common 5 features	Common 5 has features that are not currently part of FAST programming. Need to initially develop routine to create a disk that will transfer data from FAST to Common to allow EOC roll-up. Then need to program the modeling routines into FAST. Also need various reports, etc	1 week (part 1) 4 weeks (part 2)	1
7	INSURV (Prisms) features	INSURV has expressed a desire to replace Prisms with FAST, but there are currently features in Prisms that are not part of FAST programming. Need to map the INSURV processes, determine the requirements, code and test the software and conduct a side-by-side test.	3 months	2
8	View & Print Procedures	Need to create a feature in FAST that will allow users to view and print out the Standard Procedures before or during the visit.	4 weeks	2
9	PVAT features	PVAT allows users to manage an AEC visit and store various parametric data during each equipment assessment. Need to determine how much of this data is needed and to develop features in FAST that will enable capture of this data	4 weeks	4

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